

Product datasheet for **SC126492**

C19orf51 (DNAAF3) (BC063449) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C19orf51 (DNAAF3) (BC063449) Human Untagged Clone
Tag:	Tag Free
Symbol:	C19orf51
Synonyms:	FLJ40069
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for BC063449 edited
TGTGGAGTGCCGCGGGTCCACAGTGTGCACTGAGCAGAGAGGAAGGGCGTCCCGGGAT
ATTTGGAGGATAAAGGTGTGGGCAAGGGTGATGACCACACCTGCCGGCTCCGGCAGCGGC
TTCCGGCTCCGTGTCTGGTGGGGCTGTCCCCGGCGCTGGACCTGCAGGCTGAAAGTCTCT
CCTGTGGACCCAGACTCCCAGGCCGATACAGTGCACAGCAACCCCGAGCTAGATGTGCTG
CTTCTGGGCTCTGTGGATGGACGGCACCTGCTGCGGACCCTGTCCCGAGCGAAGTTCTGG
CCTCGCAGGAGGTTCAACGTGAGCTGGGATGAAGATGAGAGCCAGATTCCCGAGTCTT
GAGGGAGGAAGGGATTGAAATTCTAAAACCTCAGTTCTTTGTGTGGAGAATAAATCTGGA
AGCTGTGGCCCGACACATGCTGATCTTCAGCCTAGCCCTGGAGGAACCGGAGAAGATGGG
GCTGCAAGAGCGAAGCGAGACCTTCTGGAAGTGTGGGGGAACGCGCTGTGCGCCCGCC
AGTGGCCGCTTCGTGCGTGGCCAGGCCGACCTGCTGGCGCACCTGGTCCCGAGCCCGA
CCGCTGGAGGAACAGCTGCCCTGGCTCAGCCTCCGCGCCCTCAAGTTCGCGAGCGGGA
TGCCCTGGAGGCCGATTCGCTTCTGGGCTGGCGGCGAGAAAGGGCCCCAGGCGTTCCC
CATGAGCCGCTCTGGGACTCGCGCCTGCGCCACTACCTGGGCTCCCGCTACGACGCCCC
GCGCGGTGTGAGGACTGGGACCTGCGCATGAAGCTGCATGACCGCGGGGCTCAAGTCAT
TACCCCCAGGAGTTCGACGCTGGCGGGACACAGGCGTGCCTTTGAACTCAGGGACTC
CAGCGCTATCATGTGCCAACCCGACCTGGCGTCCGGTCCGCTCCTGAGCTACCGTGG
GGAGCGGTGGCAGCGCGCGGGTACTGGGGGACATCGCCACGGGGCCCTTCGTGGCCTT
CGGCATCGAAGCGGACGACGAGAGCCTCCTGCGGACGAGCAACGGCCAGCCAGTCAAGAC
GGCCGGGAGATCACTCAACACAACGTGACGGAGCTGCTCCGCGACGTGGCCGCTGGGG
GCGCGCGAGAGCCACCGGGGGGACCTGGAGGAGCAGCAGCACGCGGAGGGAAGCCCGGA
GCCAGGGACTCCAGCAGCCCCAACCCGGAATCTTTCACCGTCCACTTCTGCGGCTCAA
TTCTGCTCAGACTCTCCACCACAAGAGCTGCTACAACGCGGATTCCAGCTCCTCTATGT
GGCCTGTGGTATGGTCCATCTTCTCATCCCTGAGCTTGGGGCCTGTGTGGCACCCGGAGG
GAACTTGATTGTGGAATTAGCCCGGTACCTGGTGGACGTGCGGCAGGAGCAGCTGCAGGG
ATTCAACACCCGGGTGAGGGAGCTAGCTCAGGCAGCTGGATTTGCTCCACAGACCGGGC
CAGGCCTTCAGAGACCTTCGCACGTTTCTGCAAGTCCCAGGAATCAGCTCTGGGCAACAC
TGTCCAGCTGTGGAACCCGGAACCTCCGCCCTTGACATCCTGGCCAGCCTCTTGAAGC
CAGCAACCCAGCCCTTGAGGGCCTGACCCAGCCTCTGCAGGGTGGGACCCACACTGTGA
GCCCTGCCAGCTGCCCTCTGAGTCTCAGGTTCACTCTCAGAGGTTCTGGCTCAGCCTCA
GGGGCCCTTGGCTCCGCCAACTGTGAGTCAAGTCCAAAACCTGGAGTCTGACCCAAACC
CTAGACACCCCTTATCTCCAACCTCCAAAGTCAAGTTGTAGGATGAGAACCCGCTGATAC
CATTCTAAGTCCGCTGCTAGAGTCTCAATTTTATTCTAATCATTCCCACTCAGTACCCG
CCACCCCAACCCGGGAGTGTGGTAGACTTTCAAATTCATTTCTGAGATTCTATGGTC
TATTCCTAGAATTCTAGATTGTTCTCTCAGAATTCAAAATTCACCTTCTGAGGCTCTAAG
CCCAGCCTAGGATCTGACACTGAGTCTCAGGCCCTTGACTTTGGCCCCCTTGTCCCAAG
CACCTGTGGCTGACTAGGGGCTGGGGTGTCTCCTCACCAGGGCCTGGTCAGCACCCAGA
TGGTTCAAGTAAAGCAAGTTGTGTCCACCCTAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC063449 unedited TCAGTTCATAATTTGTATACGACTCACTATAGGCGGCCGCGTAATTCGATCTGGTACCGG TCCGGAATTCCTGGGATTGTGGAGTGCCGCGGGTCCACAGTGCTGCACTGAGCAGAGAGG AAGGGCGTCCCAGGATATTTGGAGGATAAAGGTGTGGGCAAGGGTGATGACCACACCTG CCGGCTCCGGCAGCGCTTCGGCTCCGTGCTGGTGGGGCTGTCCCCGGCGCTGGACC TGCAGGCTGAAAGTCCTCCTGTGGACCCAGACTCCCAGGCCGATACAGTGCACAGCAACC CCGAGCTAGATGTGCTGCTTCTGGGCTCTGTGGATGGACGGCACCTGCTGCGGACCCTGT CCCGAGCGAAGTTCTGGCCTCGCAGGAGGTTCAACGTGAGCTGGGATGAAGATGAGAGCC CAGATTCCTGAGTCTTGTAGGGAGGAAGGATTGAAATTTCTAAAACCTCAGTTCTTTGTG CTGGAGAATAATCTGGAAGCTGTGGCCGACACATGCTGATCTTCAGCCTAGCCCTGGAG GAACCGGAGAAGATGGGGCTGCAAGAGCGAAGCGAGACCTTCTGGAAGTGTGGGGGAAC GCGCTGCTGCGCCCGCCAGTGGCCGCTTCGTGCGTGCCAGGCCGACCTGCTGGCGCAC CTGGTCCCGAGCCCGACCGCTGGAGGAACAGCTGCCCTGGCTCAGCCTCCGCGCCCTC AAGTTCGCGAGCGGGATGCCCTGGAGGCCGATTCCGCTTCTGGTCTGGCGGCGAGAAA GGGCCCCAGGCTTCCCCATGAGCCGCTCTGGGACTCGCGCCTGCGCCACTACCTGGGC TCCCGCTACCACCCCGCGCGGGTACGCCACTGGGACCTGCGCAGGAAGCCGC
Restriction Sites:	Please inquire
ACCN:	BC063449
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	BC063449.1 , AAH63449.1
RefSeq Size:	2233 bp
Locus ID:	352909
Cytogenetics:	19q13.42
Protein Families:	Druggable Genome
Gene Summary:	The protein encoded by this gene is required for the assembly of axonemal inner and outer dynein arms and plays a role in assembling dynein complexes for transport into cilia. Defects in this gene are a cause of primary ciliary dyskinesia type 2 (CILD2). Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2012]